

SOVIET PHYSICS SOLID STATE

Volume 16 July 1974-June 1975

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Fizika Tverdogo Tela (Solid State Physics) of the Academy of Sciences of the USSR
Russian original Vol. 16, January-December 1974

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(Russian original: Fiz. Tverd. Tela, Vol. 16, No. 1, pp. 1-320, January 1974)

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(Russian original: Fiz. Tverd. Tela, Vol. 16, No. 7, pp. 1833-2160, July 1974)

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(Russian original: Fiz. Tverd. Tela, Vol. 16, No. 10, pp. 2825-3200, October 1974)

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- 1946 (3011) Scattering of resonance γ rays by mosaic crystals exhibiting hyperfine splitting of nuclear levels
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61.70.P Stacking faults, stacking fault tetrahedra, and other planar defects

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61.80.D X and γ rays

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61.80.H Neutrons

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64. EQUATIONS OF STATE, PHASE EQUILIBRIA, AND PHASE TRANSITIONS

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65. THERMAL PROPERTIES OF CONDENSED MATTER

65.40.- Heat capacities of solids

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66. TRANSPORT PROPERTIES OF CONDENSED MATTER (NONELECTRONIC)

66.30.- Diffusion in solids

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66.30.D Theory of diffusion and ionic conduction in solids

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66.30.F Self-diffusion in metals, semimetals, and alloys

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66.30.H Self-diffusion and ionic conduction in nonmetals

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66.30.K Impurity and defect diffusion, migration, and displacement

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66.60.+ Thermal conduction in nonmetallic liquids

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68. SURFACES AND INTERFACES; THIN FILMS AND WHISKERS

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68.50.+ Thin film growth, structure, and epitaxy

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68.60.+ Physical and chemical properties of thin films, nonelectronic

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71. ELECTRON STRUCTURE

71.10.+ General theories and computational techniques

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71.20.+ Electronic density of states determinations (including energy states of liquid semiconductors)

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71.30.- Nonlocalized single-particle electronic states

71.30.D Electron energy states in liquid metals

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71.30.H Measurement of Fermi surface parameters (including dHvA, magnetoacoustic, positron annihilation, and cyclotron resonance studies, etc.)

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72. ELECTRONIC TRANSPORT IN CONDENSED MATTER

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73. ELECTRONIC STRUCTURE AND ELECTRICAL PROPERTIES OF SURFACES, INTERFACES, AND THIN FILMS

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73.30.+ Surface double layers, Schottky barriers, and work functions

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73.40.- Interfaces

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73.40.J Metal-to-metal contacts

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73.40.N Metal-nonmetal contacts

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73.40.Q Metal-insulator-semiconductor structures (including semiconductor-to-insulator)

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73.40.R Metal-insulator-metal structures

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73.60.- Electronic properties of thin films

73.60.D Metallic thin films

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74.30.D Phenomenological and two-fluid theories

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74.30.F BCS theory; applications

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76. MAGNETIC RESONANCES AND RELAXATION IN CONDENSED MATTER; MOSSBAUER EFFECT

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77. DIELECTRIC PROPERTIES AND MATERIALS

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78. OPTICAL PROPERTIES AND CONDENSED-MATTER SPECTROSCOPY AND OTHER INTERACTIONS OF MATTER WITH PARTICLES AND RADIATION

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